

CLAIMS

1. A system for managing at least one parameter associated with a first component, wherein the at least one parameter comprises at least three values corresponding to a minimum value and a maximum value together representing a range and a variable value, the system comprising:

a data structure comprising data associated with the at least one parameter,

means for accessing the data structure,

means for monitoring the variable value, and

means, responsive to the variable value lying within the range, for managing the at least one parameter.

2. A system as claimed in claim 1, wherein the at least one parameter represents a resource associated with the system.

3. A system as claimed in claim 1, further comprising means, responsive to the variable value lying outside the range, for invoking an action.

4. A system as claimed in claim 3, wherein the action comprises a re-launch of the first component.

5. A system as claimed in claim 1, further comprising means for updating the data structure with the data, when the first component is launched.

6. A system as claimed in claim 1, wherein a second component comprises the means for accessing, the means for monitoring and the means for managing.

7. A system as claimed in claim 7, further comprising means for notifying the second component of events associated with the first component.

8. A system as claimed in claim 1, further comprising means for initialising the parameter, wherein upon initialisation, the variable value represents an initial value.

9. A system as claimed in claim 1, wherein when the first component is launched, the variable value represents a current value.

10. A system as claimed in claim 1, wherein the data structure further comprises data associated with whether the first component is a critical component.

11. A system as claimed in claim 1, further comprises means for engaging with a pervasive device.

5 12. A method for use in a data processing system for managing at least one parameter associated with a first component, wherein the at least one parameter comprises at least three values corresponding to a minimum value and a maximum value together representing a range and a
10 variable value, the data processing system comprising a data structure having data associated with the at least one parameter, the method comprising the steps of:

accessing the data structure,

15 monitoring the variable value, and

in response to the variable value lying within the range, managing the at least one parameter.

20 13. A method as claimed in claim 12, wherein the at least one parameter represents a resource associated with the system.

25 14. A method as claimed in claim 12, further comprising the step of invoking, in response to the variable value lying outside the range, an action.

15. A method as claimed in claim 14, wherein the action comprises a re-launch of the first component.

5 16. A method as claimed in claim 12, further comprising the step of updating the data structure with the data, when the first component is launched.

10 17. A method as claimed in claims 12, wherein the means for accessing, the means for monitoring and the means for managing are executed by a second component.

15 18. A method as claimed claim 17, further comprising the step of notifying the second component of events associated with the first component.

20 19. A method as claimed in claim 12, further comprising the step of initialising the parameter, wherein upon initialisation, the variable value represents an initial value.

25 20. A method as claimed in claim 12, wherein when the first component is launched, the variable value represents a current value.

21. A method as claimed in claim 12, wherein the data structure further comprises data associated with whether the first component is a critical component.

5 22. A method as claimed in claim 12, further comprising the step of engaging with a pervasive device.

10 23. A computer program comprising program code means adapted to perform the method of claim 12 when said program is run on a computer.